STIC-Biotech/ChemLib 140 319

From: Sullivan, Daniel
Sent: Tuesday, December 14, 2004 11:51 AM
To: STIC-Biotech/ChemLib
Subject: Sequence search 09/914,191

Please search for a nucleic acid comprising SEQ ID NO: 1 in the pending and issued patent databases.

Thank you.

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****
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Searcher:_____
Searcher Phone: 2-
Date Searcher Picked up:____
Date Completed:_____
Searcher Prep/Rev. Time:___
Online Time:_____

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Type of Search
NA Sequence: #_____
AA Sequence :#_____
Structure: #_____
Bibliographic:_____
Litigation:_____
Patent Family:_____
Other:_____

****
Vendors and cost where applicable
STN:_____
DIALOG:_____
QUESTEL/ORBIT:_____
LEXIS/NEXIS:_____
SEQUENCE SYSTEM:_____
WWW/Internet:_____
Other(Specify):_____

GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: December 20, 2004, 13:29:34 ; Search time 456 Seconds
(without alignments)
7240.046 Million cell updates/sec

Title: US-09-914-191-1
Perfect score: 598
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 4093002 seqs, 2760418825 residues

Total number of hits satisfying chosen parameters: 8186004

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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c	1	597	99.8	1231	13	US-10-098-841-171	Sequence 171, App
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	4	322.8	54.0	361	11	US-09-969-034-2304	Sequence 2304, Ap
	5	117.2	19.6	545	11	US-09-969-034-2095	Sequence 2095, Ap
c	6	115	19.2	534	15	US-10-029-386-10044	Sequence 10044, A
c	7	112	18.7	117	15	US-10-029-386-23744	Sequence 23744, A
c	8	110.8	18.5	647	10	US-09-814-353-21663	Sequence 21663, A
c	9	61.4	10.3	1666	16	US-10-425-114-13649	Sequence 13649, A
c	10	59.8	10.0	1667	18	US-10-425-115-47901	Sequence 47901, A
c	11	55.8	9.3	1722	17	US-10-437-963-79780	Sequence 79780, A
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	16	38.8	6.5	1848	13	US-10-027-632-98795	Sequence 98795, A
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	18	38.8	6.5	1848	15	US-10-027-632-98795	Sequence 98795, A
	19	38.6	6.5	1137	17	US-10-767-795-1364	Sequence 1364, Ap
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c	21	38	6.4	750	14	US-10-184-634-104	Sequence 104, App
c	22	37.6	6.3	96589	11	US-09-997-722-220	Sequence 220, App
	23	37.2	6.2	557	9	US-09-770-152-460	Sequence 460, App
c	24	37	6.2	1839	16	US-10-282-122A-27404	Sequence 27404, A
c	25	37	6.2	38596	10	US-09-960-870-1	Sequence 1, Appli
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c	27	37	6.2	38596	16	US-10-251-668-1	Sequence 1, Appli
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	29	36.6	6.1	104	9	US-09-864-761-31778	Sequence 31778, A
	30	36.6	6.1	597	9	US-09-864-761-15256	Sequence 15256, A
	31	36.2	6.1	734	15	US-10-106-698-3112	Sequence 3112, Ap
	32	36.2	6.1	2015	15	US-10-084-817-297	Sequence 297, App
c	33	36.2	6.1	4370	18	US-10-473-126-375	Sequence 375, App
c	34	35.8	6.0	4084	13	US-10-153-273-1	Sequence 1, Appli
c	35	35.8	6.0	5282	16	US-10-221-613-369	Sequence 369, App
c	36	35.8	6.0	185695	14	US-10-020-141-11	Sequence 11, Appl
c	37	35.8	6.0	185695	14	US-10-017-721-1	Sequence 1, Appli
	38	35.6	6.0	451	10	US-09-861-779-3	Sequence 3, Appli
	39	35.6	6.0	451	16	US-10-636-716-3	Sequence 3, Appli
	40	35.6	6.0	663	16	US-10-424-599-30619	Sequence 30619, A
c	41	35.6	6.0	849	13	US-10-027-632-165741	Sequence 165741,
c	42	35.6	6.0	849	13	US-10-027-632-165742	Sequence 165742,
c	43	35.6	6.0	849	15	US-10-027-632-165741	Sequence 165741,
c	44	35.6	6.0	849	15	US-10-027-632-165742	Sequence 165742,
c	45	35.6	6.0	1963	16	US-10-276-774-602	Sequence 602, App

ALIGNMENTS

RESULT 1
US-10-098-841-171/c
; Sequence 171, Application US/10098841
; Publication No. US20020197679A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Xu, Chongjun
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yunqing
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhao, Qing A.
; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-hong
; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: Wehrman, Tom
; APPLICANT: Zhang, Jie
; APPLICANT: Qian, Xiaohong B.
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. US20020197679A1el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 784CIP2
; CURRENT APPLICATION NUMBER: US/10/098,841
; CURRENT FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: 09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 331
; SOFTWARE: pt_FL_genes Version 1.0
; SEQ ID NO 171

GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: December 20, 2004, 13:24:18 ; Search time 85 Seconds
(without alignments)
5000.609 Million cell updates/sec

Title: US-09-914-191-1
Perfect score: 598
Sequence: 1 ttggaatagttcttgcttta.....ggtgttagtccagattgttg 598

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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c	1	57	9.5	879	4	US-09-248-796A-661	Sequence 661, App
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c	4	37	6.2	580073	4	US-08-545-528D-1	Sequence 1, Appli
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c	6	35.8	6.0	4084	2	US-08-487-826B-1	Sequence 1, Appli
c	7	35.8	6.0	4084	3	US-09-210-288-1	Sequence 1, Appli
c	8	35.8	6.0	4084	6	5198347-5	Patent No. 5198347
	9	35.6	6.0	451	2	US-08-943-087-3	Sequence 3, Appli
	10	35.6	6.0	451	4	US-09-861-779-3	Sequence 3, Appli
	11	35.6	6.0	1664976	4	US-08-916-421B-1	Sequence 1, Appli
	12	35.6	6.0	1664976	4	US-09-692-570-1	Sequence 1, Appli
c	13	35.4	5.9	289	3	US-09-007-005-17	Sequence 17, Appl
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	15	35	5.9	1317	4	US-09-248-796A-9816	Sequence 9816, Ap
	16	34.4	5.8	54550	4	US-10-327-189-42	Sequence 42, Appl
c	17	33.4	5.6	528	4	US-09-248-796A-14071	Sequence 14071, A
c	18	33.4	5.6	2295	1	US-08-375-300-3	Sequence 3, Appli
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c	21	33.4	5.6	4080	1	US-08-375-300-1	Sequence 1, Appli
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	24	33.4	5.6	4705	1	US-07-998-003A-96	Sequence 96, Appl
	25	33.4	5.6	4705	1	US-08-453-274B-96	Sequence 96, Appl
	26	33.4	5.6	4705	1	US-08-453-695A-96	Sequence 96, Appl
	27	33.4	5.6	4705	1	US-08-268-161A-96	Sequence 96, Appl
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c	34	33	5.5	277	3	US-09-244-796-3	Sequence 3, Appli
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ALIGNMENTS

RESULT 1
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; Sequence 661, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 661
; LENGTH: 879
; TYPE: DNA
; ORGANISM: Candida albicans
US-09-248-796A-661

Query Match 9.5%; Score 57; DB 4; Length 879;
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Matches 145; Conservative 0; Mismatches 126; Indels 3; Gaps 1;

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Qy        374 CCGGGTCACTGCCATCTTTTTTCCTTCCATTTCTGTTGGCAGCTTAATTTCTTTTGTCAT 433
                |  ||  | | | | ||| | |||   | |   | |  | ||     || | |    |
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Qy        434 CACTTCATCCACCTTCTGCCATATCAACACAGTCCCTTTCCTATACATCGGCAGCTCATT 493
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Qy        494 ATTATAGTTGATGTTGAATTCAGAAAACAAAATCTCATTCTTGTCTGCTGNAAGAGTTCC 553
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Db        678 ATTATAATTGACCCCACATTCTTTGAATAATATCTCATTCTTGTCAGATGCTACTGTACC 619

Qy        554 CTGTAATCTCCCTTGGGCTTGTACTGGTGTTAGT 587
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; Sequence 14, Application US/08232463